

Effective
Communication &
Strategies for
Working with
Individuals on the
Autism Spectrum

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Learning Objectives

- Attendees will identify characteristics that may impact equine-assisted therapy.
- Attendees will match and select possible intervention strategies to support communication and behavior with the equine-assisted activities and therapies program participants.
- Attendees will be able to outline potential interventions and accommodations for their programs that set clear expectations and promote success for the participants.

About Me~

- SLP for 26 years
- Specialty areas: Pediatrics, ASD, Challenging behaviors, Complex Communication Needs
- Assistant Professor/Clinical Supervisor
- Advocate
- Wife
- Mom of 4
- Grandma of 2 ⁽²⁾



My guy~

- Diagnosed with Epilepsy at 2 mos.
- Diagnosed with ASD at 4 years
- Therapy started at 14 mos.
- Multiple therapies
- Involvement in Horse therapy for 11 years



Autism Spectrum Disorder (ASD)

Social Communication

- 3 areas
 - Social Emotional Reciprocity
 - Non-verbal behavior
 - Deficits in developing and maintaining relationships, appropriate to developmental level

Restricted Interests and Repetitive Behaviors

- 4 listed~ need 2 of the 4
 - Stereotyped or repetitive speech, motor movements, or use of objects
 - Excessive adherence to routines, ritualized patterns of verbal or nonverbal behavior, or excessive resistance to change
 - Highly restricted, fixated interests that are abnormal in intensity or focus
 - Hyper-or hypo-reactivity to sensory input or unusual interest in sensory aspects of environment

Characteristics That can impact Therapy:

Sensory

 Need to prepare and make necessary provisions for helmets, animals, smells indoor vs. outdoor, etc.

Repetitive Behaviors

 What may that child need to do to move forward with therapy... how many times can I do it, when can I do it, etc.

Rigidity

 Changes may cause anxiety, so how can we decrease anxiety: visuals, pre-teaching, social stories, clear beginning and ending, duration maps, etc.?

Characteristics That can impact Therapy:

- Communication deficits
 - How can we make sure our communication is at the appropriate level for success: visuals, voice output, sign language, short/simple directives, positive language, etc.
- Social Skills Deficits
 - Helping to build appropriate social interactions for the environment and between therapists, volunteers and other riders.



Communication Characteristics

- non-verbal to highly verbal (little Professor)
- Prosody and intonation patterns can differ
- Lack of/Use of gestural communication
- One-sided communication (not reciprocal)
- Unusual phrase/vocabulary use
- Echolalia (present in approx. 75% of individuals diagnosed with ASD)
- Gestalt Language
- Scripting
- Hand Leading

Communication Characteristics

- Processing differences~
 - Need to finish processing the whole thought
- Literal language vs. figurative
- Attention to speech
- Literate vs. nonliterate



Communication Characteristics of Communication Partner

- Short Directives
- Increased Processing time
- Concrete Directives
- Positive Directives~ what do you want to happen?
- Multi-modalities
- Incorporate Universal
 Design within the
 environment (*helps
 everyone at every level
 be successful within the
 environment)



About You?

- What is your attitude?
- What attitude are you projecting?
- How do you give directives?
- How are you presenting materials?
- What ways are you offering for receptive and expressive language?
- How are you transitioning?
- What feedback are you giving?

Clear Expectations & Boundaries

- Thinking about what we know about individuals we serve with various disorders; how can we clarify our expectations and create clear boundaries?
- We must try to think like the individuals we are serving
- We need to empathize with the "need" areas

Ask these Questions from the rider's POV

- Where am I supposed to be?
- What materials/toys can I use?
- What & when can I do something?
- Who am I doing "X" with?
- How long do I have to?
- How do I stay calm/cope?
- When am I done/how do I go to the next thing?

Where am I Supposed to Be?

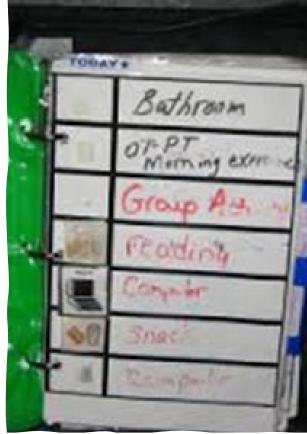
- Before I get on the horse.
- When I am on the horse.
 - Myself
 - Me & My horse
- When I am getting off the horse.
- After I am finished riding or while I am waiting.

Possible Interventions:

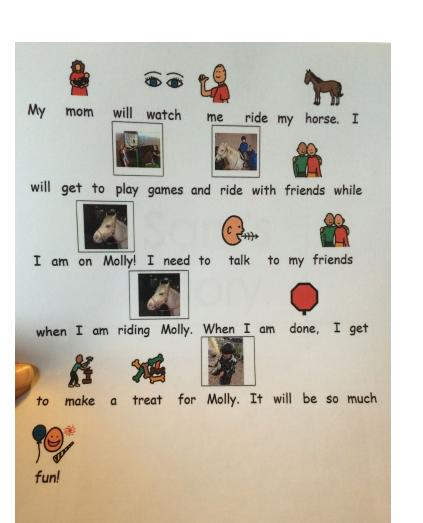
- Visual Supports
- Social Stories
- *can be real pictures and text
- *can be a video
- Instructions
- Video Modeling
- Consistency!

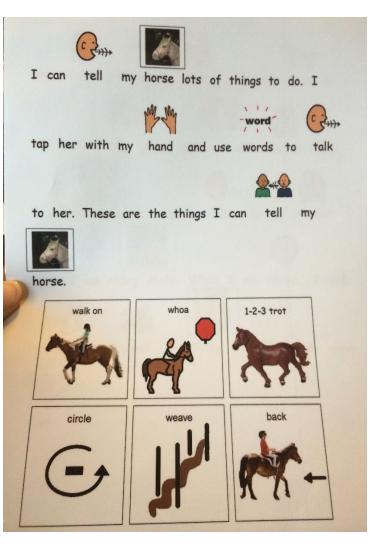














My Riding Choices















Ride inside







I feel









The Picture Communication Symbols © 1981-2009 Mayer-Johnson, Inc. Used with permission. Deisgn © 2009 GivingGreetings.com.



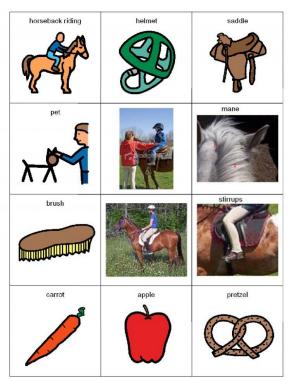
What Materials?

- Vocabulary: Make it clear to riders and volunteers & be consistent
- Organized storage
- Follow the use and clean-up procedures



Possible Interventions:

- Label with Pictures/Words
- Picture Communication when needed
- Use modeling during therapy & video
- Social Stories
- Organized and consistent storage





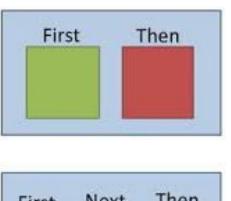


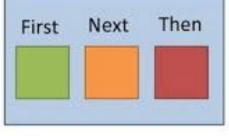
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Possible Interventions:

- Visual schedule
- Choices when able
- First Then
- Duration Map
- Timer



My Riding Choices















Ride inside







I feel

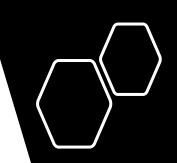






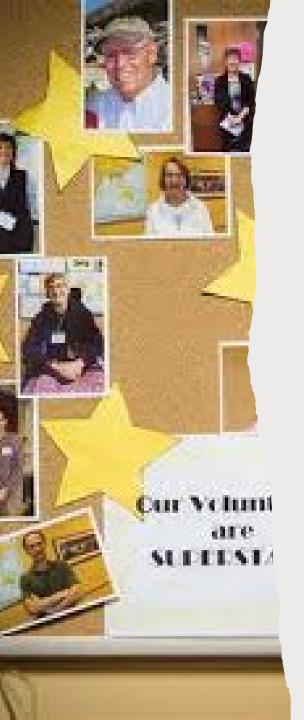






Who am I doing "X" with?

- Which horse?
- Who is leading?
- Who will be my side walkers if I have them?
- Who do I listen to?
 - Will someone prompt or cue me?



Possible Interventions:

- Pictures /Labels for People
- Pictures/Labels for Horses
- Layer the Information
- Nametags/lanyards
- Have Staff Trained in the following:
 - Useful techniques
 - Procedures
 - Rules
 - Consistent Vocabulary





How long?

- How long can I do something I like?
 - "I want trot please?"
- How long do I have to do something I don't like?
 - Be concrete & honor your words!
 - Avoid "in a sec/minute/little bit."
- How long is my lesson?
- How long do I have to wait?





Possible Interventions:

- Timer
- Duration Map
- Schedule
- First-Then

How Do I stay Calm/Cope?



Plan for creating calming space



Plan how you are going to help handle changes & the unexpected



Augry-

Eve lost control. Em not listening Anymore. I could hit, kick or bite. I need a quiet place to calm down.



Overwhelmed

Everything is too hard. I'm losing control and need to leave the environment I'm in. Give me space



Frustrated

I'm not getting it, I'm showing signs of stress I should take a break now.



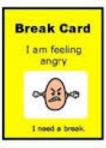
Anxious

Trying to stay focused, but having a hard time staying on task. Use collining strategies now.



Нарру

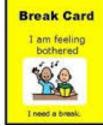
Ready and willing to Work



Break Card 1 am feeling out of control

I need a break

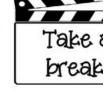






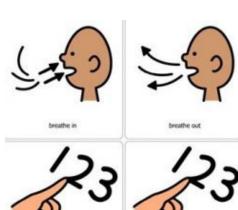
Use tools to get in the green zone rink of water and release and











Possible Interventions:

- 5-point Scale
- Zones of Regulation
- Break Cards
- Breathing technique with visuals *pre-taught
- Calming routine with visuals *pre-taught

When am I Done?

- When is the individual done?
- If challenging behaviors are present, what happens?
- What do I do when I am done?
- What are my responsibilities?
 - Consistent expectations for transitions/cleaning up/ finishing in each space

Sensory is Important!

Listen

Listen to the Individual, parents/caregivers, and your observations regarding the sensory needs of your riders.

Consult

Consult an OT that knows about sensory interventions.

Have

Have sensory supports available at your site.





- Be aware of each rider's individual strengths/needs
- Maximize sensory strength
 - Ex: If a child cannot see, utilize touch, auditory, etc.
- Familiarize yourself with each rider's disability
- Use "Special Interest" as a motivator
- Use "person-first" language unless the individual's preference is "Autistic."
 - Ex: S/He has autism vs. 'autistic.'

Challenges & Brainstorming:



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